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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **01-103-CON3**First Inventor or Application Identifier **MAMITSU et al.**Title **SEMICONDUCTOR DEVICE HAVING  
RADIATION STRUCTURE**Express Mail Label No. **USPS 10/699837**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Commissioner for Patents  
Mail Stop Patent Application  
Arlington, VA 22202

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br>(Submit an original and a duplicate for fee processing)         | 5. <input type="checkbox"/> Microfiche Computer Program (Appendix)   |
| 2. <input checked="" type="checkbox"/> Specification [Total Pages <b>118</b> ]   | 6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)                                 |
| -Descriptive title of the Invention  |  |
| -Cross Reference to Related Applications   |  |
| -Background of the Invention   |  |
| -Summary of the Invention  |  |
| -Brief Description of the Drawings   |  |
| -Detailed Description of the Preferred Embodiment  |  |
| -Claims  |  |
| -Abstract of the Disclosure  |  |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>26</b> ]  | 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |
| 4. Oath or Declaration [Total Sheets <b>5</b> ]  | 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement<br>(when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney |
| a. <input type="checkbox"/> Newly executed (original or copy)  |  |
| b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63 (d))<br>(for continuation/divisional with Box 16 completed) |  |
| i. <input checked="" type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting  |  |
| inventor(s) named in the prior application,<br>see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).  |  |

## ACCOMPANYING APPLICATION PARTS

- |  |
|--|
| 9. <input type="checkbox"/> English Translation Document (if applicable)   |
| 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations                      |
| 11. <input checked="" type="checkbox"/> Preliminary Amendment  |
| 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(should be specifically itemized)  |
| 13. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application,<br>(PTO/SB/09-12) Status still proper and desired |
| 14. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)  |
| 15. <input type="checkbox"/> Other: .....<br>.....   |

**\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

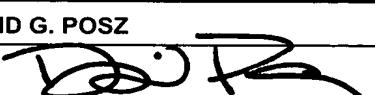
Continuation  Divisional  Continuation-in-part (CIP) of prior application No: **09/717,227**

Prior application information: Examiner **POTTER, Roy Karl** Group/Art Unit: **2822**

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<b>23400</b>	or <input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here)</i>
Name		
Address		
City	State	Zip Code
Country	Telephone	Fax

Name (Print/type)	<b>DAVID G. POSZ</b>	Registration No. (Attorney/Agent)	<b>37,701</b>
Signature			Date <b>November 4, 2003</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Arlington, VA 22202. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770)

Complete if Known

Application Number	
Filing Date	November 4, 2003
First Named Inventor	MAMITSU et al.
Examiner Name	
Art Unit	
Attorney Docket No.	01-103-CON3

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit AccountDeposit Account Number  
50-1147

POSZ &amp; BETHARDS, PLC

## The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770		
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			

SUBTOTAL (1) (\$ 770)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	2	-20**=	0	Extra Claims	Fee from below	Fee Paid
Independent Claims	1	-3***=	0		86	0

Multiple Dependent

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20		
1201 86	2201 43	Independent claims in excess of 3		
1203 290	2203 145	Multiple dependent claim, if not paid		
1204 86	2204 43	**Reissue independent claims over original patent		
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent		

SUBTOTAL (2) (\$ 0)

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge – late filing fee or oath			
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 420	2252 210	Extension for reply within second month			
1253 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1255 2,010	2255 1005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 290	2403 145	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive – unavoidable			
1453 1,330	2453 665	Petition to revive – unintentional			
1501 1,330	2501 665	Utility issue fee (or reissue)			
1502 480	2502 240	Design issue fee			
1503 640	2503 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))			
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))			
1801 770	2801 385	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			

Other fee (specify) \_\_\_\_\_

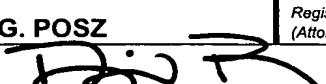
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701	Telephone	(703) 707-9110
Signature				Date	November 4, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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